

Descriptions of New Species of PHYTOPHAGOUS COLEOPTERA :

by JOSEPH S. BALY, F.L.S., &c., (continued from page 130).

Dinophthalma fasciata, mihi.

Anguste ovata, postice attenuata, nigra, nitida, subtus argenteo-sericea, thorace elytrisq. fulvis, illo minute sed distincte punctato, plagâ male definitâ ad marginem apicalem adfixâ, nigropiceâ; his punctato-striatis, striis ad apicem confusis, fasciâ latâ curvatâ communi extrorsum abbreviatâ nigrâ instructis. Long. 3 lin.

Hab. Amazons, Rio Tapajos.

Head smooth and shining, finely and remotely punctured, impressed between the eyes with a distinct fovea; inner border of eye coarsely strigose; three lower joints of antenna pale piceous beneath. Thorax two and a half times as broad as long; sides rounded, converging from the middle to the apex, anterior and posterior angles obsolete; basal margin rather deeply sinuate just within the outer angle; surface smooth and shining, (seen under a lens) distinctly punctulate. Scutellum distinctly punctured, shining, trigonate, its apex broadly rounded. Elytra with the sides distinctly lobed at the base, attenuated towards the apex; surface distinctly punctate-striate, the punctures irregularly placed in the striae, the striae themselves confused and entirely lost on the hinder disk; just below the middle is a broad common sublunate transverse patch, abbreviated and produced anteriorly on the outer margin. Body beneath densely clothed with silvery hairs; apex of the last abdominal segment broadly concave-emarginate.

Dinophthalma nigriceps, mihi.

Anguste ovata, postice attenuata, fulva, nitida, capite, scutello, pectore, genibus, tibiis quatuor anticis dorso, posticis totis, tarsisque nigris. Long. $2\frac{1}{4}$ lin.

Hab. Para.

Head smooth and shining, impressed with a few fine punctures, visible only under a lens; mandibles with a rufous line; palpi pale fulvous. Thorax nearly three times as broad as long, sides rounded, slightly converging towards the apex, anterior and

posterior angles obsolete; above transversely convex, smooth and shining, the middle of the anterior margin stained with black. Scutellum large, trigonate, shining black, its apex piceous. Elytra distinctly lobed at the base, finely but distinctly punctate-striate, interspaces smooth and shining, impressed here and there with distinct punctures. Body beneath sparingly clothed with adpressed hairs, apical segment of abdomen trilobate.

Dinophtharma consimilis, mihi.

Anguste ovata, postice attenuata, fulva, nitida, antennis (basi exceptâ), tibiis apice tarsisque nigris. Long. $1\frac{3}{4}$ –2 lin.

Hab. Para, Rio Tapajos, Ega.

Head smooth, impunctate, eyes bordered within by a deep groove; four lower joints of antennæ pale piceous, the rest black. Thorax more than twice as broad as long; sides rounded at the base, converging from the middle to the apex, anterior angles distinct, hinder angles obsolete; surface under a lens minutely but distinctly punctured. Scutellum large, trigonate, sides sinuate near the apex, the latter rounded. Elytra finely punctate-striate, the interspaces impressed with fine punctures, which render the striæ indistinct. Body beneath clothed with adpressed hairs; apex of the last abdominal segment trilobate, the middle lobe indistinct.

Protophana Amazona, mihi.

Subtus obscure rufa, dense albido tomentosa, abdominis lateribus pygidioque cupreis; supra cuprea, glabra, thoracis lateribus capiteque inter oculos albido-pilosis; elytris obscure cupreis, fortiter et irregulariter punctato-striatis, utrisque maculâ humerali, antice emarginatâ, fulvâ ornatis; antennis nigris. Long. $2\frac{1}{2}$ lin.

Hab. Borders of the river Amazon.

Similar in form and coloration to *P. tomentosa*, Lac., it is, however, very distinct from that species, and may at once be known by its entirely glabrous elytra, and also by the punctures on their surface being arranged in irregular striæ. Face concave between the eyes, the latter distinctly notched, surface finely but distinctly punctured, vertex granulose; clypeus not separated from the face by a sutural line, its surface obliquely deflexed, smooth, impunctate, the anterior border deeply angulate-emarginate. Thorax twice as broad as long at the base, basal lobe reflexed, obtusely truncate; sides rounded and narrowed from base to apex, more quickly converging towards the latter,

hinder angles acute, anterior obtuse; surface finely but distinctly punctured, transversely sulcate in front of the basal lobe; disk glabrous, sides and extreme base clothed with adpressed coarse white hairs. Scutellum trigonate, cupreo-aeneous, its surface finely punctured. Elytra deeply and coarsely punctured, the punctures irregularly arranged in longitudinal striae, interspaces on the middle disk transversely wrinkled.

Themesia grandis, mihi.

Late oblonga, late viridi-aenea, nitida, supra glabra, subtus dense albido-tomentosa, antennis nigris, labro fulvo. Long. $5\frac{1}{2}$ lin.

Hab. Brazil, a single specimen, formerly in the collection of the late A. Deyrolle.

Body above entirely glabrous, with the exception of some adpressed hairs on the head, and a very few others near the anterior angles of the thorax. Head closely punctured, strigose-punctate on the vertex; face concave between the eyes; labrum subquadrate, transverse, not distinctly separated from the face, fulvous, its sides thickened, its anterior edge emarginate; jaws prominent; antennae black. Thorax nearly twice as broad as long; sides broadly rounded at the base, then obliquely converging to the apex, anterior angles broadly truncate, hinder angles obsolete; above transversely convex at the base, sub-cylindrical at the apex, obliquely and broadly excavated towards the sides, the latter reflexed; surface finely and closely punctured, the punctures stronger and sparser on the disk, entirely glabrous, with the exception of a very few coarse adpressed whitish hairs just behind the anterior angles. Scutellum pentangular, its apex acute, its surface smooth, remotely punctured. Elytra much broader than the thorax, the humeral callus prominent; sides obliquely converging from base to apex, the latter rounded; above convex, slightly depressed transversely below the humeral callus, finely and somewhat closely punctured.

Similar in form to *T. auricapilla*, but twice its size and easily separated by the absence of the dense pubescence clothing the base and sides of the thorax.

Megalostomis generosa, mihi.

Oblonga, sub-cylindrica ♂, magis ovata ♀, supra tenuiter, subtus cum thoracis lateribus dense flavo pubescens, picea, pedibus pallide rufo-piceis, genubus, tarsis antennisque nigris; elytris lacte testaceis, fasciâ prope medium et utrisque plagâ

transversâ male definitâ, ante apicem positâ, nigris. Long. 4 lin
Hab. Ega, Upper Amazons.

Head sparingly clothed with adpressed yellowish hairs, vertex and upper part of front smooth and shining, nearly impunctate; face between the eyes excavated on either side, the excavated spaces divided by a distinct longitudinal ridge which runs upwards from the clypeus, surface of excavations closely punctured, inner orbit of eye strigose-punctate; clypeus transverse, its upper border concave-emarginate on either side, the middle produced, acute; anterior margin obliquely truncate on either side, slightly angulate-emarginate in the middle, surface rather closely punctate; jaws normal; antennæ longer than the head and thorax, black, the under surface of the first, together with the whole of the second and third joints piceous. Thorax twice as broad as long; sides slightly diverging and rounded at the extreme base, thence obliquely converging to the apex, anterior angles slightly produced laterally, acute; upper surface finely punctured, disc clothed with very fine silky hairs, only visible under a lens, sides densely covered with yellowish hairs. Elytra bright testaceous, irregularly punctured, sparingly clothed with short fulvous hairs; a broad band at the base, another across the middle and an ill defined transverse patch just before the apex of each elytron, black.

Megalostomis interrupto-fasciata, mihi.

Oblonga, sub-cylindrica, supra tenuissime, subtus dense pubescens, rufo-picea, pedibus pallide rufis, genubus, tarsis, scutello, orbitis antice antennisque nigris, thorace tenuiter punctato ad latera pube adpressâ vestito, disco fere glabro, elytris rufo-testaceis, sparse pubescentibus, sub-seriatim punctatis, basi, fasciâ interruptâ prope medium et utrisque maculâ sub-apicali ad marginem adfixâ nigris. Long. 4 lin.

Mas. capite magno, pone oculos lobato, thorace elytris equilateribus rectis.

Hab. Ega.

Vertex nearly impunctate, minutely granulose; front impressed with a deep oblong fovea; space between the eyes finely but not very closely punctured, excavated on either side, the excavations being divided by a central longitudinal ridge; clypeus not distinctly separated from the face, transverse, its anterior border obliquely truncate on either side, transversely truncate and obsoletely emarginate in the middle, surface finely punctured, irregularly excavated; antennæ equal in length to the head and

thorax, entirely black, jaws and labrum also black, the anterior edge of the latter emarginate. Thorax more than twice as broad as long; sides rounded at the extreme base, thence straight and parallel to the apex, anterior angles acute, slightly produced laterally; surface very finely punctured, disc nearly glabrous, sides sparingly clothed with fine whitish pubescence. Scutellum closely covered with adpressed hairs. Elytra parallel, slightly attenuated near the apex, sparingly clothed with fulvous hairs, which are more crowded towards the apex, distinctly punctured, the punctures arranged in ill defined longitudinal rows; rufo-testaceous, a narrow band at the base, an interrupted fascia across the middle, together with an ill defined sub-apical patch attached to the outer margin black. Body beneath densely clothed with adpressed cream coloured hairs.

Megalostomis coerulea, mihi.

Oblonga ♂, oblong-ovata ♀, supra metallico-coerulea, tenuiter pubescens, antennis nigris; subtus nigro-coerulea, dense albido-tomentosa, abdomine pallide piceo. Long. $3\frac{1}{2}$ lin.

Hab. Amazons.

Head near similar in both sexes; vertex tumid; face excavated between the eyes, and furnished with three longitudinal ridges, one on the medial line, the others, one on either side, just within the inner orbit: the lateral ridges are less regular than the medial, and are rendered still less distinct by a number of irregular, raised vitta; anterior edge of clypeus slightly angulate-emarginate; whole surface of head sparingly punctured: antennæ black. Thorax with its basal lobe transversely truncate; sides abruptly diverging at the extreme base, thence converging and very slightly rounded to the apex, anterior and posterior angles acute; above transversely convex, sub-cylindrical at the apex, distinctly punctured: on either side just in front of the middle is a deep obliquely transverse depression; surface clothed throughout with fine sub-depressed griseous hairs, which are more crowded on either side, and form an ill-defined lateral patch. Scutellum trigonate, its apex rounded, surface finely but distinctly punctured, covered with adpressed hairs. Elytra more closely punctured than the thorax, clothed with similar hairs. Body beneath densely clothed with adpressed whitish pubescence, which entirely conceals the colour of the surface.

Doryphora bilunata, mihi.

Oblonga, convexa, piceo-fulva, supra prasina, antennis piceis; elytris regulariter punctato-striatis, utrisque vitta brevi utrali

basi positâ et vix pone scutellum productâ, lunulâque longitudinali a basi fere ad medium extensâ. basi cum vittulâ connexâ nigris. Long. $6\frac{1}{2}$ lin.

Hab. Pebas, Upper Amazons.

Head finely punctured; antennæ slender, much less than half the length of the body, piceous, two basal and two upper joints, together with the mouth, piceo-fulvous. Thorax more than twice as broad as long; sides straight and parallel, rounded and converging before the middle, anterior angles slightly produced, sub-acute; upper surface finely punctured, extreme lateral margin pale greenish yellow. Scutellum piceo-fulvous, edged with nigro-piceous. Elytra slightly broader than the thorax; sides nearly parallel, broadly rounded at the apex; regularly punctate-striate, interspaces plane, very minutely granulose, each elytron with a very short black sutural vitta, commencing at the base and scarcely extending beyond the scutellum, together with a longitudinal concolorous curved line joined at the base with the sutural stripe, and extending from the middle of the basal margin for one-third the length of the elytra, its concavity looking inwards; inflexed limb together with the extreme lateral border pale yellowish-green.

Doryphora Jansoni, mihi.

Oblongo-ovata, convexa, nigra, subtus nitida, supra opaca, thorace disco obscure rufo, ad latera aeneo-nigro; elytris rufo-testaceis, tenuiter bifariam punctatis; spino valido. Long. 5 lin.

Hab. Brazil, a single specimen formerly in the collection of Mr. W. W. Saunders.

Head obscure greenish-black, opaque, marked on the vertex with an indistinct bifid rufous spot; antennæ scarcely exceeding half the length of the body. Thorax more than twice as broad as long; sides sub-parallel, rounded and converging in front, anterior angles; acute surface opaque, impunctate, obscure rufous on the disc, obscure greenish-black on the sides; extreme lateral and apical margins nitidous. Elytra broader than the thorax broadly rounded at the apex, very finely punctate-striate, the striæ arranged in double rows, irregular near the outer margin.

Stenispa vespertina, mihi.

Filiformis, sub-cylindrica, subtus cum antennis nigra, nitida, supra coeruleo-metallica; thorace longitudine vix latiori, tenuiter, remote punctato; elytris parallelis, prope apicem angustatis,

tenuiter punctato-striatis, striis integris, interspatiis minute granulosis, tenuiter ruguloso-strigosis. Long. $2\frac{3}{4}$ lin.

Hab. Brazil, New Friburg.

Thorax scarcely broader than long, sides narrowly margined, straight and parallel, rounded and converging at the apex; apical margin sinuate on either side, its middle portion produced; basal margin deeply concave on either side, the medial lobe obtusely rounded; above finely and distantly punctured, general surface, seen under a deep lens, very minutely granulose. Scutellum pentangular, the lateral angles rounded, the apical one moderately produced, acute. Elytra rather broader than the thorax; sides parallel, faintly sinuate in the middle, rounded and converging from the termination of their middle third to the apex, the extreme apices conjointly emarginate; apical margin finely serrulate; above finely punctate-striate, the striae distinct to the apex, interspaces granulose, finely and irregularly strigose.

Stenispa attenuata, mihi.

Filiformis, postice attenuata, sub-cylindrica, obscure cuprea, nitida, antennis nigris; thorace tenuiter, sub-remote punctato; elytris ante medium ad apicem attenuatis, tenuiter punctato-striatis, striis apicem versus deletis. Long. $2\frac{3}{4}$ lin.

Hab. Panama.

Head finely punctured, front and upper portion of face impressed with a fine grooved line, which terminates on the vertex in a small fovea; antennæ slender, rather more than a third the length of the body, entirely black. Thorax slightly longer than broad, sides straight, narrowly margined, anterior angles produced, sub-acute; apical margin slightly sinuate on either side, its middle portion slightly produced; basal margin deeply concave-emarginate on either side, the medial lobe obtusely rounded; upper surface sub-remotely punctured, the interspaces (seen under a deep lens) very finely granulose-strigose; on the basal margin on either side the medial lobe, is a small fovea. Scutellum large, pentagonal, the lateral angles acute. Elytra rather broader at the base than the thorax, sides parallel in front, attenuated from before the middle to the apex, the latter conjointly emarginate, apical margin finely serrulate, the sutural angle armed with a minute tooth; above convex, the humeral callus slightly thickened, finely punctate-striate, the puncturing entirely obsolete near the apex, interspaces minutely granulose, here and there faintly reticulate-strigose. Apical segment of abdomen concave-emarginate.